

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-16. (Cancelled)

17. (Currently Amended) The optical modulator according to claim [4]25, wherein said movable reflective film is formed from either a conductive film, or a semiconductor film doped with an impurity, or a dielectric film, or a laminated film combining these films.

18. (Currently Amended) The optical modulator according to claim [4]25, wherein said first substrate is formed from a semiconductor substrate.

19. (Original) The optical modulator according to claim 18, wherein said first substrate is formed from a semiconductor substrate of one polarity, and said movable reflective film is formed from a semiconductor film of the other polarity.

20. (Original) The optical modulator according to claim 18, wherein said semiconductor substrate is a silicon substrate.

21. (Currently Amended) The optical modulator according to claim [4]25, wherein said first substrate and said second substrate are bonded together by anodic bonding.

22. (Currently Amended) The optical modulator according to claim [4]25, wherein said second substrate is made of borosilicate glass.

23. (Currently Amended) The optical modulator according to claim [4]25, wherein a light absorber is formed on the upper face of said transparent electrode.

24. (Currently Amended) A display device formed by incorporating an optical modulator according to claim [4]25.

25. (New) An optical modulator comprising:

a first substrate having at least one first groove on one face thereof, said at least one first groove having a movable reflective film that oscillates in accordance with an electrostatic force formed on the bottom face thereof; and

a light-transmitting second substrate opposing said first substrate and having at least one second groove provided on the face thereof opposing said first substrate, said at least one second groove extending in a direction approximately orthogonal to said at least one first groove and having a transparent electrode formed on the bottom face thereof;

wherein said movable reflective film and said transparent electrode form a picture element at an intersection of said first and second grooves.